

AMENDMENTS TO THE ABSTRACT

Abstract

A parking device for vehicles in which when an engine is brought into a halt, a clutch is disconnected and the revolution of an input shaft of a transmission cannot be controlled by frictional force of the engine, the parking device includes ~~comprising~~ a parking gear provided on the input shaft, a parking lock mechanism which selectively engages with the parking gear, a change lever which instructs a gear position of the transmission and is mechanically coupled to the parking lock mechanism, a speed-change actuator for shifting the transmission to each gear position, ~~wherein the parking device further comprises~~ a neutral position detection unit ~~means~~ of the change lever, a parking operation detection unit ~~means arranged in an operation passage from the neutral position to a parking position, of the change lever,~~ a vehicle speed sensor, a control unit, ~~means; and, when the operation of the change lever is detected by the parking operation detection means,~~ wherein the control unit ~~means~~ sends a control signal to the speed-change actuator to bring the transmission into engagement with a gear position that corresponds to the traveling speed of the vehicle.

Abstract

A parking device for vehicles in which when an engine is brought into a halt, a clutch is disconnected and the revolution of an input shaft of a transmission cannot be controlled by frictional force of the engine, the parking device includes a parking gear provided on the input shaft, a parking lock mechanism which selectively engages with the parking gear, a change lever which instructs a gear position of the transmission and is mechanically coupled to the parking lock mechanism, a speed-change actuator for shifting the transmission to each gear position, a neutral position detection unit of the change lever, a parking operation detection unit, a vehicle speed sensor, a control unit, wherein the control unit sends a control signal to the speed-change actuator to bring the transmission into engagement with a gear position that corresponds to the traveling speed of the vehicle.